

Quick Facts

- The CGS atomic reactor is located in Washington state on the banks of the Columbia River, 160 miles from Portland, Oregon.
- CGS operates 24/7/365 unless closed for refueling or repairs.
- It constantly releases radiation into the environment.
- It produces 4% of the power for Washington - the majority of power in Washington comes from hydro electric dams.
- The reactor produces 167,000 pounds of deadly radioactive material every 2 yrs.
- CGS has produced 3.2 million pounds of this deadly waste in the last 30 years.

The Union of Concerned Scientists have determined that the reactor could meltdown and have a catastrophe just as the reactors did in Fukushima, Japan.

Here are the main danger points for the Washington reactor:

- the reactor is the **same type** of Boiling Water Reactor **that failed** 3 times at Fukushima.
- the reactor is **aging** (designed in the '70's) and the company **has not replaced equipment that is old and needs replacing.**
 - Needs new steam generator
 - Needs new turbine
 - Needs new radiation monitor system
 - Needs also over 60 costly safety upgrades that the company decided not to do because they would cost hundreds of millions of dollars
- the reactor has **the same design flaws** that made the reactors in Fukushima explode.
 - The company has been ordered to put in vents to offset this danger – but not until 2017 - so we are still in danger
 - Even when they install the vents, they will not install filters – leaving the people vulnerable to being “firehosed” with radiation in an accident.
- the reactor has a **highly radioactive, uncontained “spent” fuel pool** just like at Fukushima.
 - only it holds **more radioactivity than Unit #4 at Fukushima**

- the reactor **constantly gives off radioactivity** into the environment – even without a meltdown.
- there is **NO** safe level of radiation

the reactor is **not designed to withstand the earthquake it can get** – new geological information shows it **needs to be rebuilt to 240% stronger** levels and that is not possible.

the reactor **may not be able to be shut down in an earthquake** (due to a “channel-blade” problem).

- the reactor is **not designed to withstand the flooding** it can get if the aging Grand Coulee dam fails. That would be equivalent to a tsunami.

the **reactor is on the Hanford site** – known as the most radioactively contaminated site in North America – if the reactor melts down it will lead to more explosions on the Hanford site – compounding the level of fallout.

- if the reactor melts down, the entire Pacific Northwest will be contaminated with radiation – only the reactor and spent fuel pool have **more radiation** to spread **than at Fukushima**. All the people, pets, homes, farms, vineyards, business will have to be evacuated – just like at Fukushima.

Things to know if a meltdown occurs at the Reactor:

1. Fallout in Japan from Fukushima has travelled much further than the 160 mile distance between Portland Oregon and the reactor in Washington. YOU WILL BE CONTAMINATED.

2. Your insurance will not cover you if you have to lose your home and property due to nuclear contamination – if you have to evacuate, you will lose everything and not be compensated.

The kicker: WE DON'T EVEN NEED THE NUCLEAR POWER:

A recent economic study showed that it cost \$418 million dollars to produce \$218 million worth of electricity – there are cheaper safer sources of energy like hydro, wind and solar.

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Jennings, Gayla

From: Nancy Newell <ogec2@hotmail.com>
Sent: Friday, May 23, 2014 12:51 PM
To: Jennings, Gayla
Subject: RE: Time slot for 3 minute public testimony City Council July 16, 2014

Portland is in a great position to expand alternative energy operations to replace BPA/PGE electric power.

From: Gayla.Jennings@portlandoregon.gov
To: ogec2@hotmail.com
CC: mirgerman0000@gmail.com
Subject: RE: Time slot for 3 minute public testimony City Council July 16, 2014
Date: Fri, 23 May 2014 18:12:25 +0000

Hi Nancy,

I apologize for not discussing it over the phone but what is the topic you'd like to speak about?

Thank you!

Gayla Jennings

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From: Nancy Newell [mailto:ogec2@hotmail.com]
Sent: Friday, May 23, 2014 10:54 AM
To: Jennings, Gayla; mirgerman0000@gmail.com; Nancy Newell
Subject: Time slot for 3 minute public testimony City Council July 16, 2014

Hello Kayla, this is Nancy Newell and I would like to be added to the public speaking portion of the Council session of July 16 which is a time slot of 3 minutes per person before Council begins its regular agenda. My phone number is 503-288-3986. I believe Miriam German will be putting in a request today as well and it would be perfect to be placed one of us after the other in whichever order you choose. Thank you for your assistance. Nancy

Request of Nancy Newell to address Council regarding expand alternative energy
operations to replace BPA/PGE electric power (Communication)

JUL 16 2014

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Filed JUL 11 2014

LaVonne Griffin-Valade
Auditor of the City of Portland

By 

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1. Fritz		
2. Fish		
3. Saltzman		
4. Novick		
Hales		